

ABSTRACT

A method, system, and computer program product for storing information configured to be used for a plurality of communication protocols to extract status information related to a monitored device among distinct devices communicatively coupled to a network, including: retrieving, from a first memory, support information for extracting the status information using the plurality of communication protocols; storing, in a respective second memory, the information obtained from the first memory for accessing the device using each respective communication protocol; selecting a communication protocol among the plurality of communication protocols; and accessing the device using the selected communication protocol and the information stored in the respective second memory to extract the status information. In addition, the status information is extracted using virtual interface functions associated with an abstract software class and the virtual interface functions are common to each of the plurality of communication protocols.